

**SECRET****PRIORITY****1**

P 041746Z NOV 70  
 FM NPIC WASHDC  
 TO RNC0AAA/SAC OFFUTT AFB OMAHA NEBR  
 RNC0AAA/544TH ARTW OFFUTT AFB OMAHA NEB  
 RUCILBA/100TH SRV OL 19 MCCOY AFB FLA  
 RUVRRIA/DIR MAT MGT/MMW ROBBINS AFB, GA  
 RUWMODA/100TH SRV DAVIS MONTHAN AFB ARIZ  
 RUWMODA/12 SAD DAVIS MONTHAN AFB ARIZ  
 RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD  
 RUEAIIA/CIA WASH DC  
 RUEKJCS/DIA  
 RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF  
 RUEFHQA/HQS USAF  
 BT

OUT, 71093

4 Nov 70 18 15

**S E C R E T** CITE NPIC 9713  
 SAC FOR DIRI, DOSR, DISD, DM4C; 100 SRV DAVIS MONTHAN AFB  
 FOR DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1;  
 HQ USAF FOR AFISOS, AFXOIR; 15TH AF FOR DI, DO, DM4C.  
 SUBJ: EVAL OF OLD HEAD MSN G-146A, 30 OCT 70

1. IMAGE QUALITY: OVERALL QUALITY IS GOOD WITH MAJOR PORTIONS  
 OF BOTH FWD AND AFT IMAGERY MAINTAINING EDGE SHARPNESS AT 50X MAG.  
 OVERALL QUALITY OF FWD IMAGERY IS SLIGHTLY BETTER THAN AFT. CAMERA  
 SHUT-DOWN OCCURRED BETWEEN FR 69/70 AND 74/75. DURATION OF SHUT-DOWN  
 WAS 82 SEC AND 17 SEC RESPECTIVELY. AVERAGE CYCLE TIME BETWEEN CON-  
 SECUTIVE EXPOSURES IS 9.05 SEC. WITH EXCEPTION OF CAMERA SHUT-DOWN,  
 NO GAPS IN IMAGE COVERAGE WERE DETECTED. INTERPRETATION SUITABILITY  
 IS GOOD. CLOUDS OBSCURE APPROX 10 PCT OF ENTIRE MSN.

## 2. MSN DATA:

- A. MSN: G-146A; DATE: 30 OCT 70
- B. CAM: IRIS 2; UNIT: 8006
- C. A/C: 340
- D. CAM MODE: STEREO
- E. VEHICLE I/O: 1135Z, CAM/ON: 1348Z
- F. FILM: 3404
- G. CHEMISTRY: MX819-1; PROCESS FAC: NRTSC
- H. AVG GAMMA ORIG NEG: 1.77
- I. EXPOSURE SLIT: 0.085 INS.
- J. FILTER: W-23A

## 3. ORIG NEG:

- A. EXPOSURE: UNDEREXPOSED AT BEGINNING AND OVEREXPOSED AT  
 END. OVERALL EXPOSURE IS ADEQUATE.
- B. DENSITY: THIN TO HEAVY; CONTRAST: LOW TO HIGH.
- C. IMAGE DEGRADATIONS: A FEW PLUS AND MINUS DENSITY LINES  
 ARE PRESENT THROUGHOUT MSN. A 0.10 INCH MINUS DENSITY LINE IS  
 PRESENT ALONG MAJOR AXIS OF FILM NEAR MIDDLE OF FORMAT OF FR 994  
 THRU 1018. DENDRITIC STATIC TRACES, LOCATED ABOUT 0.5 INCH FROM  
 FORMAT CENTER TOWARD TITLED EDGES, ARE PRESENT THROUGHOUT MSN.  
 THIS STATIC CAUSES MINOR IMAGE DEGRADATION. PLUS/MINUS DENSITY  
 BANDS WITH AVERAGE FREQUENCY OF 0.4 INCH WAS NOTED IN AREAS OF LOW  
 CONTRAST. NO APPARENT IMAGE DEGRADATION IS ASSOCIATED WITH THESE  
 BANDS.

D. PHYSICAL DEGRADATIONS: A FEW VERY FINE SCRATCHES ARE  
 PRESENT THROUGHOUT MSN.

E. DATA RECORD EQUIP: FUNCTIONED PROPERLY THROUGHOUT MSN.  
 F. OTHER: LAST TITLED FR 1753, COUNTER 1758 BIAS CONSTANT  
 THROUGHOUT MSN.

4. POSITIVES: GOOD FOR INTERPRETATION.

EXPOSURE		PI	
CF	CC	CC	PI
1/2			
3/4			
APSD			

25X1

**S E C R E T**

END OF MESSAGE

GROUP ONE

**SECRET**